

PUBLIC INPUT

Estudillo Canal Flood Damage Reduction Feasibility Study Public Workshop (F2 Feasibility Milestone) February 8, 2006

What flooding issues or other problems along Estudillo Canal have you witnessed or experienced?

- Too much building in the watershed
- Two overflow events over the past 56 years
 - One as a result of debris built up at Dewey
 - The other Near Farnsworth and was due to build up of dirt from construction
- Flooding in streets, no structural damage, no levee breaks, dam issues
- Homes are built at a higher elevation, they have unoccupied spaces below the first floor
- Mosquitoes are a problem
- Walls falling in the canal and water coming into patio, still is concerned about the integrity of the wall. Owner mentioned there was a cheap concrete repair at 15145 Swenson Street. The owner wants the repair, but does not want to pay for it. Willing to provide right-away for proposed alternatives
- Farnsworth Street flood photos, resident lives there and the flooding only lasted for approximately 10 minutes because the dirt had plugged drains. County unplugged it and then the water immediately went down. Resident does not think photos accurately reflect the condition of flooding.
- Lived in the flood plain for 40 years of more and had not experienced any flooding
- overflow from Estudillo Canal runs to San Lorenzo Creek
- Referencing photo #16, the resident lives on the right side of the photo near the bridge. They have been living there for 28 years and they are not in the flood zone. In 1992, they witnessed the highest the water has been, it came up to the top of the Estudillo Canal, it never overtopped. Usually the water is ½ way up the canal wall.
- Referencing photo #17, the resident mentioned this was area is at the beginning of the canal, and there is sediment at the bottom. They noted that the outfall at East 14th Street may be too small. They noted there is no cement lining the bottom of the channel
- The majority of this area used to be Cherry Farms. Most of the residents have wells for irrigation and landscaping. The groundwater table is about 15 feet.
- The park near Manteca is already used to contain higher flows
- It was noted that the residents at Spring Lake have flooded in the past, but they are not in the FEMA 100 year floodplain
- Resident for 30 years, never experienced any flooding
- When the development went in near Wicks, the flows upstream became higher. Concern that the development near Wicks has more run off into the Canal and it may be backing up the flows coming down.
- Not afraid to flood, don't want to pay for a proposed flood
- Maintenance Issues
 - Debris and Sediment buildup as in photo 11
 - Weeds in earthen channel by Bay Fair Mall.
 - Active maintenance in the channel warranted too many shopping carts and unused furniture in channel.
 - Shopping carts at Fargo
- FEMA Insurance related issues:
 - In FEMA 100-yr floodplain, but have not experienced a 100-yr level flood

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- FEMA elevation at foundation grade not at 1st floor elevation
- Insurance cost based on full property value; not on mortgage balance

What Would you like to see in the alternatives

- don't want to give up any (more) property – not loss of additional personal property
- Continue active maintenance
 - Don't need a flood protection project, just maintain the channel
 - Continue with regular debris removal within in the channel
 - Prepare a detailed maintenance plan
 - Consider provisions to address mosquito problem
 - Do nothing, improve regular cleaning/maintenance
- Change the trapezoidal channel to a rectangular channel
- Future development
 - New developers should contribute to overall flood management cost for the zone area.
 - Prevent development to generate surface runoff into the channel
 - Stop development at Washington Park
 - A moratorium on home building
- Photo 13 bridge on “zone 2 line A, Estudillo canal photos” should be redesigned so debris, plants, flows, etc. will not be backed up.
- Near or at Manor Blvd.
 - Remove center concrete piece of the culvert near Manor Blvd.
 - Manor Blvd bypass wanted (about 40-50 feet long and extend out to the Bay)
 - Storm drain on Manor Blvd
- Consider overflow ponds
- Remove bridge pilings, they tend to trap debris
- Trim ivy growing over the channel walls
- Bypass down Madsdon Street
- Potential positioning of pipes through Marina Channel (pumps required)
- Engineering to funnel water and effectively dredge the Marina
- Dredge at Trojan/Burkheart – potential choke-point
- Re-look at the FEMA map, is it right?
- Deepen and/or widen the channel
- Bypass from Burkheart and Crosby to San Lorenzo Creek

Environmental Concerns

- Canal clean out
 - timing of channel clean out with respect to birds nesting season
 - Requirement not to clean canal in October when canal is fully concrete lined–Invernes area
 - Regulatory restrictions for seasonal cleanout of canal.
 - Frequency of maintenance schedule
- Park and wildlife Habitat
- Construction impacts on abutting property
- Earthquakes

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- Flooding impacts of earthquakes, especially Lake Chabot
 - General earthquake impacts

Public Involvement

- Provide an interactive chat or blog on the website
- BART was represented, they would like to coordinate with the study team on their future plans and see how they fit or not fit with what we may propose

Additional questions

When would the project be constructed?

Would there be property Acquisition?

Who is in charge of cleaning Debris in the channel?

Why do we have to call to get creek cleaning service?

What if we don't propose a project at all?